

CITY OF ALAMEDA

Memorandum

To: Honorable Mayor and
Members of the City Council

From: Lisa Goldman
Acting City Manager

Date: May 17, 2011

Re: Authorize the Purchase of Light Emitting Diode Signals for Traffic and Pedestrian Signal Heads/Indicators Through the City and County of San Francisco Office of Contract Administration Purchasing Division Bid Contract at a Cost Not to Exceed \$182,300, and Adopt Plans and Specifications and Authorize a Call for Bids for the Removal and Replacement of Light Emitting Diode Signals for Traffic and Pedestrian Signal Heads/Indicators, No. P.W. 04-11-08

BACKGROUND

In April 2001, the Public Works Department received a grant to replace the incandescent lights for the City's traffic signals and pedestrian crossing indicators with Light Emitting Diode (LED) lights. LED lights use less electricity than incandescent bulbs. In addition, the lifespan of an LED is ten times greater than that of an incandescent bulb, significantly reducing maintenance and replacement costs. The initial procurement cost of the LED signals was approximately \$350,000.

DISCUSSION

The LED signals installed in 2001 have exceeded their seven-year life expectancy and need replacement. During this time, the LED lights have provided significant energy savings, reduced maintenance costs, and decreased carbon dioxide emissions.

The Alameda Municipal Code, Subsection 2-61.7, Joint Purchases with Public Agencies, provides authority for the City to use another government agency's competitive bidding process to purchase materials, supplies, equipment, vehicles, and apparatus, "provided the purchase is the result of competitive bidding or proposal and is made in compliance with the competitive bid or proposal requirements of any participating agency or organization in a manner that is consistent with law." In order to assure a cost-effective purchase, the Public Works Department proposes to "piggy-back" onto the City and County of San Francisco's Contract No. 75500 for "Furnishing and Delivering LED for Traffic and Pedestrian Signal Heads/Indicators" to purchase the equipment. The Public Works Department estimates that purchasing LED signals and pedestrian crossing indicators under the terms of this contract will save the City approximately \$175,000. Delivery of the equipment is anticipated within six weeks. Due to the long lead time, and to expedite the installation of the new LED lights, staff is also requesting the City Council's approval to issue a call for bids for the removal and

replacement of LED signals for traffic and pedestrian signal heads/indicators, No. P.W. 04-11-08 with the equipment purchased using San Francisco's Contract 75500. A copy of the plans and specifications is on file in the City Clerk's office.

FINANCIAL IMPACT

The funds for this project are budgeted in the Capital Improvement Program (Fund 310, Project Number 90450), with funds available from Measure B (Fund 215), Construction Improvement Fund (Fund 164), and the Gas Tax (Fund 211). There is no impact to the City's General Fund.

MUNICIPAL CODE/POLICY DOCUMENT CROSS REFERENCE

The joint purchase is authorized under the Alameda Municipal Code, Subsection 2-61.7 Joint Purchases with Public Agencies. This project is consistent with the Transportation and Land Use Initiative of the Local Action Plan for Climate Protection and supports the General Plan Policy 4.3.d.

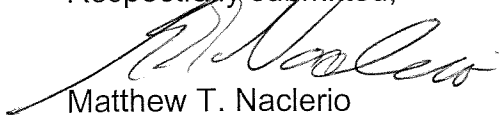
ENVIRONMENTAL REVIEW

In accordance with the California Environmental Quality Act (CEQA), this project is Categorically Exempt under CEQA Guidelines Section 15301, Existing Facilities.

RECOMMENDATION

Authorize the purchase of LED signals for traffic and pedestrian signal heads/indicators through the City and County of San Francisco Office of Contract Administration Purchasing Division bid contract at a cost not to exceed \$182,300 and adopt plans and specifications and authorize a call for bids for the removal and replacement of LED signals for traffic and pedestrian signal heads/indicators, No. P.W. 04-11-08.

Respectfully submitted,



Matthew T. Naclerio
Public Works Director

By,



Trung Nguyen
Assistant Engineer

Approved as to funds and account,



Fred Marsh
Controller